

**PERITONEAL MALIGNANT MESOTHELIOMA
Piemonte, 1990-2014**

Peritoneal malignant mesothelioma. Observed cases, standardized incidence rates (per 100,000 per year; standard: European population, EU27) and 95% confidence intervals by calendar period and sex.

INCIDENCE 1990-2014 (definite, probable and possible diagnoses)						
period	MEN			WOMEN		
	observed	rates	95% CI	observed	rates	95% CI
1990-1994	36	0.4	0.2-0.5	15	0.1	0.1-0.2
1995-1999	40	0.4	0.3-0.5	43	0.3	0.2-0.5
2000-2004	40	0.4	0.3-0.5	42	0.3	0.2-0.4
2005-2009	47	0.4	0.3-0.5	34	0.3	0.2-0.3
2010-2014	32	0.3	0.2-0.4	26	0.2	0.1-0.3

INCIDENCE 1990-2014 (definite diagnoses)						
period	MEN			WOMEN		
	observed	rates	95% CI	observed	rates	95% CI
1990-1994	28	0.3	0.2-0.4	11	0.1	0-0.2
1995-1999	32	0.3	0.2-0.4	32	0.3	0.2-0.4
2000-2004	25	0.2	0.1-0.3	23	0.2	0.1-0.3
2005-2009	31	0.3	0.2-0.4	21	0.2	0.1-0.2
2010-2014	26	0.2	0.1-0.3	21	0.2	0.1-0.2

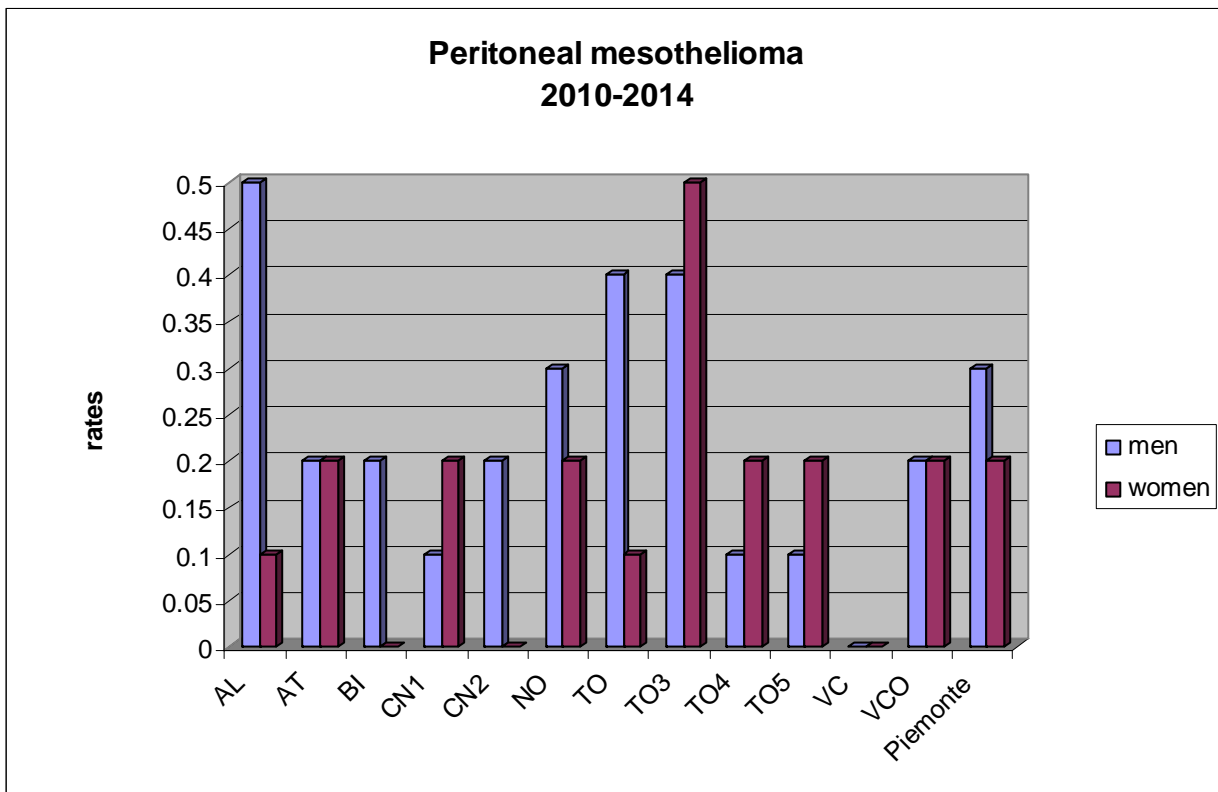
Peritoneal malignant mesothelioma. Standardized incidence rates (per 100,000 per year; standard: European populationEU27) , 95% confidence intervals and observed cases, by area and sex. All diagnosis

INCIDENCE 2010-2014 (definite, probable and possible diagnoses)								
LOCAL DISTRICT	MEN			WOMEN			observed	observed
	rates	95% CI	observed	rates	95% CI	observed		
Regione Piemonte	0.3	0.2	0.4	32	0.2	0.1	0.3	26
AL/1 (Acqui Terme)	0	0	0	0	0	0	0	0
AL/2 (Alessandria)	0.3	0	0.9	1	0	0	0	0
AL/3 (Casale Monferrato)	2.1	0.3	3.9	5	0	0	0	0
Comune Casale Monferrato	3.3	0	7.0	3	0	0	0	0
AL/4 (Novi Ligure)	0	0	0	0	0	0	0	0
AL/5 (Ovada)	0	0	0	0	0.9	0	2.6	1
AL/6 (Tortona)	0.6	0	1.7	1	0	0	0	0
AL/7 (Valenza)	0	0	0	0	1.2	0	3.6	1
AT/1 (Asti centro)	0	0	0	0	0.5	0	1.4	1
AT/2 (Asti nord)	0	0	0	0	0	0	0	0
AT/3 (Asti sud-Nizza M.to)	0.7	0	2.0	1	0	0	0	0
BI/1(Biella)	0	0	0	0	0	0	0	0
BI/2 (Cossato)	0.6	0	1.9	1	0	0	0	0
CN1/1 (Borgo San Dalmazzo)	0	0	0	0	0	0	0	0
CN1/2 (Ceva)	0	0	0	0	0	0	0	0
CN1/3 (Cuneo)	0	0	0	0	0	0	0	0
CN1/4 (Fossano)	0	0	0	0	0	0	0	0
CN1/5 (Mondovi)	0	0	0	0	0.6	0	1.8	1
CN1/6 (Saluzzo)	0.5	0	1.4	1	0.4	0	1.3	1
CN2/1 (Alba)	0.3	0	1.0	1	0	0	0	0
CN2/2 (Bra)	0	0	0	0	0	0	0	0
NO/1 (Arona)	0	0	0	0	0.5	0	1.5	1
NO/2 (Borgomanero)	0	0	0	0	0.4	0	1.2	1
NO/3 (Galliate-Trecate)	0.8	0	2.3	1	0	0	0	0
NO/4 (Novara)	0.3	0	0.9	1	0	0	0	0
TO1-10 (Torino)	0.4	0.1	0.6	9	0.1	0	0.3	4
TO3/1 (Collegno)	1.2	0	2.6	3	1.8	0.2	3.4	5
TO3/2 (Giaveno)	0	0	0	0	0	0	0	0
TO3/3 (Orbassano)	0	0	0	0	0	0	0	0
TO3/4 (Pinerolo)	0	0	0	0	0	0	0	0
TO3/5 (Rivoli)	0.6	0	1.7	1	1.0	0	2.4	2
TO3/6 (Susa)	0.8	0	1.9	2	0	0	0	0
TO3/7 (Val Pellice)	0	0	0	0	1.5	0	4.4	1
TO3/8 (Val Chisone e Germanasca)	0	0	0	0	0	0	0	0
TO3/9 (Venaria)	0	0	0	0	0	0	0	0
TO4/1 (Ciriè)	0.3	0	0.9	1	0.6	0	1.4	2
TO4/2 (Chivasso)	0.5	0	1.4	1	0	0	0	0
TO4/3 (Settimo Torinese)	0	0	0	0	0	0	0	0
TO4/4 (SanMAuro Torinese)	0	0	0	0	0	0	0	0
TO4/5 (Ivrea)	0	0	0	0	0.3	0	0.8	1
TO4/6 (Cuorgnè)	0	0	0	0	0.4	0	1.3	1
TO5/1(Carmagnola)	0	0	0	0	0	0	0	0
TO5/2 (Chieri)	0	0	0	0	0.3	0	1.0	1
TO5/3 (Moncalieri)	0.5	0	1.4	1	0	0	0	0
TO5/4 (Nichelino)	0	0	0	0	0.4	0	1.3	1
VC/1(Vercelli-Santhià)	0	0	0	0	0	0	0	0
VC/2 (Montano-Borghosesia-Varallo)	0	0	0	0	0	0	0	0
VCO/1(Domodossola)	0	0	0	0	0	0	0	0
VCO/2 (Omegna)	0	0	0	0	0	0	0	0
VCO/3 (Verbania)	0.6	0	1.7	1	0.6	0	1.7	1

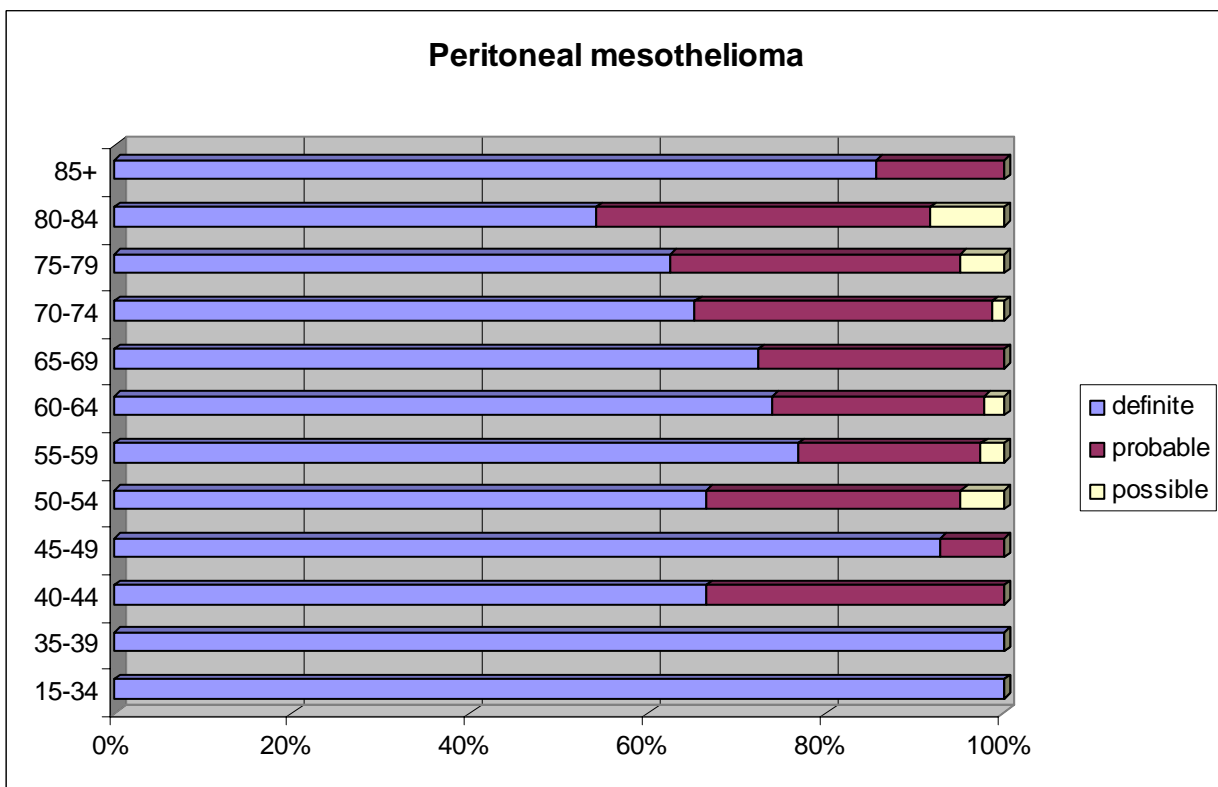
Peritoneal malignant mesothelioma. Standardized incidence rates (per 100,000 per year; standard: European populationEU27) , 95% confidence intervals and observed cases, by area and sex. Definite diagnoses

INCIDENCE 2010-2014 (definite diagnosis)								
LOCAL DISTRICT	MEN			WOMEN				
	rates	95% CI	observed	rates	95% CI	observed		
Regione Piemonte	0.2	0.1	0.3	26	0.2	0.1	0.2	21
AL/1 (Acqui Terme)	0	0	0	0	0	0	0	0
AL/2 (Alessandria)	0.3	0	0.9	1	0	0	0	0
AL/3 (Casale Monferrato)	2.1	0.3	3.9	5	0	0	0	0
Comune Casale Monferrato	3.3	0	7.0	3	0	0	0	0
AL/4 (Novi Ligure)	0	0	0	0	0	0	0	0
AL/5 (Ovada)	0	0	0	0	0.9	0	2.6	1
AL/6 (Tortona)	0.6	0	1.7	1	0	0	0	0
AL/7 (Valenza)	0	0	0	0	0	0	0	0
AT/1 (Asti centro)	0	0	0	0	0.5	0	1.4	1
AT/2 (Asti nord)	0	0	0	0	0	0	0	0
AT/3 (Asti sud-Nizza M.to)	0.7	0	2.0	1	0	0	0	0
BI/1 (Biella)	0	0	0	0	0	0	0	0
BI/2 (Cossato)	0	0	0	0	0	0	0	0
CN1/1 (Borgo San Dalmazzo)	0	0	0	0	0	0	0	0
CN1/2 (Ceva)	0	0	0	0	0	0	0	0
CN1/3 (Cuneo)	0	0	0	0	0	0	0	0
CN1/4 (Fossano)	0	0	0	0	0	0	0	0
CN1/5 (Mondovì)	0	0	0	0	0.6	0	1.8	1
CN1/6 (Saluzzo)	0	0	0	0	0.4	0	1.3	1
CN2/1 (Alba)	0.3	0	1.0	1	0	0	0	0
CN2/2 (Bra)	0	0	0	0	0	0	0	0
NO/1 (Arona)	0	0	0	0	0.5	0	1.5	1
NO/2 (Borgomanero)	0	0	0	0	0.4	0	1.2	1
NO/3 (Galliate-Treccate)	0.8	0	2.3	1	0	0	0	0
NO/4 (Novara)	0.3	0	0.9	1	0	0	0	0
TO1-10 (Torino)	0.3	0.1	0.6	8	0.1	0	0.3	4
TO3/1 (Collegno)	0.8	0	2.0	2	1.4	0	2.8	4
TO3/2 (Giaveno)	0	0	0	0	0	0	0	0
TO3/3 (Orbassano)	0	0	0	0	0	0	0	0
TO3/4 (Pinerolo)	0	0	0	0	0	0	0	0
TO3/5 (Rivoli)	0	0	0	0	0.5	0	1.6	1
TO3/6 (Susa)	0.8	0	1.9	2	0	0	0	0
TO3/7 (Val Pellice)	0	0	0	0	0	0	0	0
TO3/8 (Val Chisone e Germanasca)	0	0	0	0	0	0	0	0
TO3/9 (Venaria)	0	0	0	0	0	0	0	0
TO4/1 (Ciriè)	0	0	0	0	0.3	0	0.9	1
TO4/2 (Chivasso)	0.5	0	1.4	1	0	0	0	0
TO4/3 (Settimo Torinese)	0	0	0	0	0	0	0	0
TO4/4 (SanMAuro Torinese)	0	0	0	0	0	0	0	0
TO4/5 (Ivrea)	0	0	0	0	0.3	0	0.8	1
TO4/6 (Cuorgnè)	0	0	0	0	0.4	0	1.3	1
TO5/1 (Carmagnola)	0	0	0	0	0	0	0	0
TO5/2 (Chieri)	0	0	0	0	0.3	0	1.0	1
TO5/3 (Moncalieri)	0.5	0	1.4	1	0	0	0	0
TO5/4 (Nichelino)	0	0	0	0	0.4	0	1.3	1
VC/1 (Vercelli-Santhià)	0	0	0	0	0	0	0	0
VC/2 (Montano-Borghosesia-Varallo)	0	0	0	0	0	0	0	0
VCO/1 (Domodossola)	0	0	0	0	0	0	0	0
VCO/2 (Omegna)	0	0	0	1	0	0	0	0
VCO/3 (Verbania)	0.6	0	1.7	1	0.6	0	1.7	1

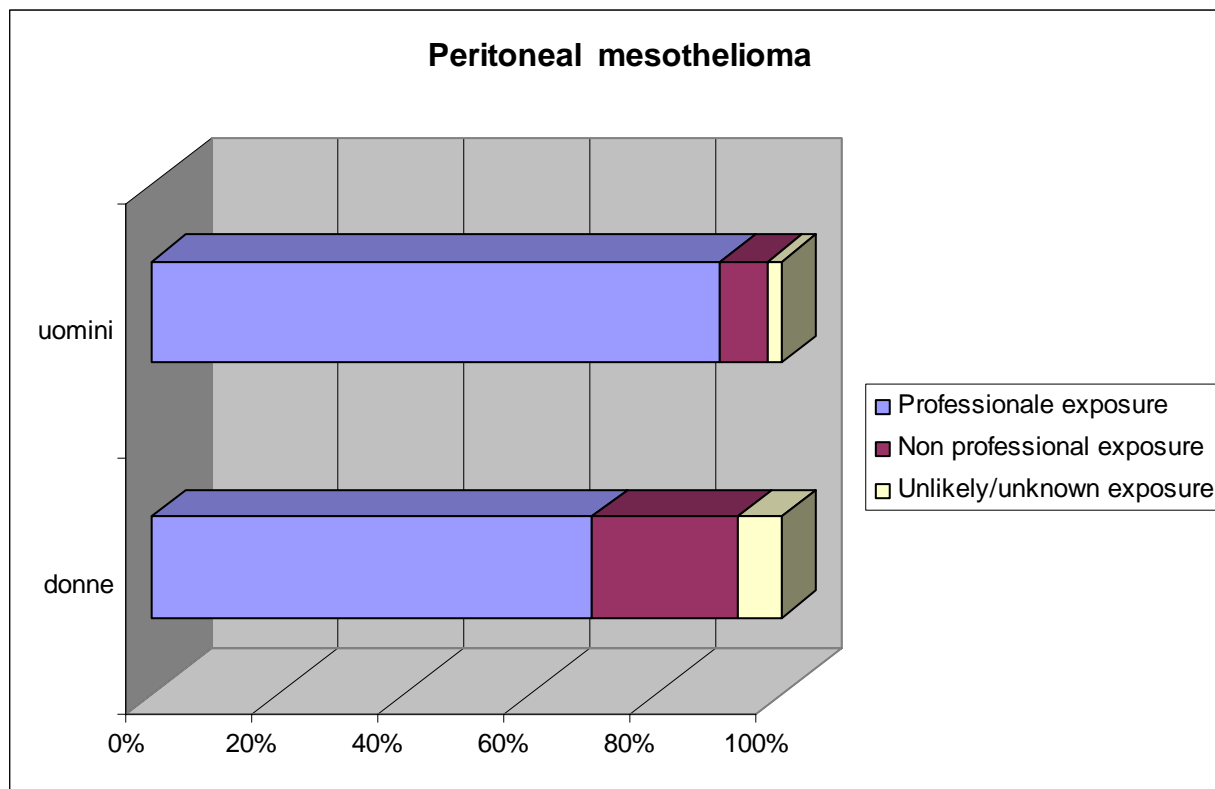
Peritoneal malignant mesothelioma. Incidence by sex and local health authority (all diagnoses) : Standardized rates (per 100,000 per year; standard: European population EU27)



Peritoneal malignant mesothelioma. Proportion by age class and diagnosis level (Piemonte, 1990-2014)



**Peritoneal malignant mesothelioma. All diagnoses. Proportion by sex and exposure.
(Piemonte, 1990-2014)**



Peritoneal malignant mesothelioma (observed cases with defined exposure) by exposure type and gender (Piemonte, 1990-2014)

	Men	Women	Total
Definite occupational exposure	97	55	152
	72.9%	55%	65.2%
Probable occupational exposure	3	1	4
	2.3%	1%	1.7%
Possible occupational exposure	20	14	34
	15.0%	14%	14.6%
Familial exposure	3	10	13
	2.3%	10%	5.6%
Environmental exposure	6	10	16
	4.5%	10%	6.9%
Other non-occupational exposures	1	3	4
	0.7%	3%	1.7%
Unlikely exposure	0	3	3
	0%	3%	1.3%
Unknown exposure	3	4	7
	2.3%	4%	3.0%
Total	133	100	233

Median survival time and survival probability by calendar period

SURVIVAL 1990-2014							
period		median (months)	Survival probability at :				
			6 months	1 yr	2 yrs	3 yrs	5 yrs
	1990-1994	5.0	45%	21%	11%	9%	9%
	1995-1999	6.0	37%	21%	15%	12%	5%
	2000-2004	4.8	42%	23%	14%	7%	4%
	2005-2009	4.6	50%	29%	18%	11%	9%
	2010-2014	4.4	47%	32%	17%	15%	8%

Median survival time and survival probability by age class

SURVIVAL 1990-2014							
age class		median (months)	Survival probability at :				
			6 months	1 yr	2 yrs	3 yrs	5 yrs
	00-54	4.9	48%	35%	25%	21%	14%
	55-64	7.0	52%	31%	20%	14%	10%
	65-74	5.2	47%	27%	15%	10%	6%
	75+	2.2	26%	6%	1%	-	-

Median survival time and survival probability by histotype

SURVIVAL 1990-2014							
histotype		median (months)	Survival probability at :				
			6 months	1 yr	2 yrs	3 yrs	5 yrs
	epithelioid	5.8	48%	27%	16%	11%	7%
	biphasic	3.1	32%	16%	8%	-	-
	sarcomatoid	1.9	10%	-	-	-	-
	not specified	5.2	47%	31%	20%	16%	11%
	unknown	1.7	13%	-	-	-	-